



Sequence Listing

<110> Kainoh, Mie

Tanaka, Toshiaki

<120> Chimeric proteins, their heterodimer complexes, and platelet substitutes

<130> 1102-98

<141> 1998-09-29

<150> PCT/JP98/00370

<151> 1997-01-29

<150> JP 9-15118

<151> 1997-01-29

<150> JP 9-234544

<151> 1997-08-29

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TECH CENTER 16000/25000
JAN 12 2000

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Arg Val Cys Glu Cys Asn Pro Asn Tyr Thr Gly Ser Ala Cys Asp Cys	
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Ser Leu Asp Thr Ser Thr Cys Glu Ala Ser Asn Gly Gln Ile Cys Asn	
575 580 585	
ggc cgg ggc atc tgc gag tgt ggt gtc tgt aag tgt aca gat ccg aag	1872
Gly Arg Gly Ile Cys Glu Cys Gly Val Cys Lys Cys Thr Asp Pro Lys	
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ttt caa ggg caa acg tgt gag atg tgt cag acc tgc ctt ggt gtc tgt	1920
Phe Gln Gly Gln Thr Cys Glu Met Cys Gln Thr Cys Leu Gly Val Cys	
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gct gag cat aaa gaa tgt gtt cag tgc aga gcc ttc aat aaa gga gaa	1968
Ala Glu His Lys Glu Cys Val Gln Cys Arg Ala Phe Asn Lys Gly Glu	
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aag aaa gac aca tgc aca cag gaa tgt tcc tat ttt aac att acc aag	2016
Lys Lys Asp Thr Cys Thr Gln Glu Cys Ser Tyr Phe Asn Ile Thr Lys	
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655

660

665

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670

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690

695

700

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705

710

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Glu Pro Lys Ser Cys Asp

715

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Lys Thr His Thr Cys Pro Pro Cys Pro

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Ala Pro Glu Leu Leu

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His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu	
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Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr	
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Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn	
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Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro	
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atc gag aaa acc atc tcc aaa gcc aaa ggtgggaccc gtgggggtgcg	3063
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Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys	

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Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser			
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Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp			
880	885	890	895
tcc gac ggc tcc ttc ttc ctc tac agc aag ctc acc gtg gac aag agc			3364
Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser			
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Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala			
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ctg cac aac cac tac acg cag aag agc ctc tcc ctg tct ccg ggt aaa			3460
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Linear

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Linear

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-20

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-5

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Gly Tyr Ala Val Gln Gln Phe Ile Asn Pro Lys Gly Asn Trp Leu Leu

20

25

30

35

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Val Gly Ser Pro Trp Ser Gly Phe Pro Glu Asn Arg Met Gly Asp Val	
40 45 50	
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Tyr Lys Cys Pro Val Asp Leu Ser Thr Ala Thr Cys Glu Lys Leu Asn	
55 60 65	
ttg caa act tca aca agc att cca aat gtt act gag atg aaa acc aac	336
Leu Gln Thr Ser Thr Ser Ile Pro Asn Val Thr Glu Met Lys Thr Asn	
70 75 80	
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Met Ser Leu Gly Leu Ile Leu Thr Arg Asn Met Gly Thr Gly Gly Phe	
85 90 95	
ctc aca tgt ggt cct ctg tgg gca cag caa tgt ggg aat cag tat tac	432
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Thr Thr Gly Val Cys Ser Asp Ile Ser Pro Asp Phe Gln Leu Ser Ala	
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Ser Phe Ser Pro Ala Thr Gln Pro Cys Pro Ser Leu Ile Asp Val Val	
135 140 145	
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Val Val Cys Asp Glu Ser Asn Ser Ile Tyr Pro Trp Asp Ala Val Lys	
150 155 160	
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Asn Phe Leu Glu Lys Phe Val Gln Gly Leu Asp Ile Gly Pro Thr Lys	
165 170 175	

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Gln	Thr	Ser	Gln	Tyr	Gly	Gly	Asp	Leu	Thr	Asn	Thr	Phe	Gly	Ala	Ile	
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Gln	Tyr	Ala	Arg	Lys	Tyr	Ala	Tyr	Ser	Ala	Ala	Ser	Gly	Gly	Arg	Arg	
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Ser	Ala	Thr	Lys	Val	Met	Val	Val	Val	Thr	Asp	Gly	Glu	Ser	His	Asp	
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Gly	Ser	Met	Leu	Lys	Ala	Val	Ile	Asp	Gln	Cys	Asn	His	Asp	Asn	Ile	
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Leu	Arg	Phe	Gly	Ile	Ala	Val	Leu	Gly	Tyr	Leu	Asn	Arg	Asn	Ala	Leu	
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gat	act	aaa	aat	tta	ata	aaa	gaa	ata	aaa	gcg	atc	gct	agt	att	cca	1008
Asp	Thr	Lys	Asn	Leu	Ile	Lys	Glu	Ile	Lys	Ala	Ile	Ala	Ser	Ile	Pro	
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Thr	Glu	Arg	Tyr	Phe	Phe	Asn	Val	Ser	Asp	Glu	Ala	Ala	Leu	Leu	Glu	
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aag gct ggg aca tta gga gaa caa att ttc agc att gaa ggt act gtt 1104

Lys Ala Gly Thr Leu Gly Glu Gln Ile Phe Ser Ile Glu Gly Thr Val

325

330

335

caa gga gga gac aac ttt cag atg gaa atg tca caa gtg gga ttc agt 1152

Gln Gly Gly Asp Asn Phe Gln Met Glu Met Ser Gln Val Gly Phe Ser

340

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350

355

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Ala Asp Tyr Ser Ser Gln Asn Asp Ile Leu Met Leu Gly Ala Val Gly

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gct ttt ggc tgg agt ggg acc att gtc cag aag aca tct cat ggc cat 1248

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380

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390

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cac agt tca tat tta ggt tac tct gtg gct gca att tct act gga gaa 1344

His Ser Ser Tyr Leu Gly Tyr Ser Val Ala Ala Ile Ser Thr Gly Glu

405

410

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agc act cac ttt gtt gct ggt gct cct cgg gca aat tat acc ggc cag 1392

Ser Thr His Phe Val Ala Gly Ala Pro Arg Ala Asn Tyr Thr Gly Gln

420

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935 940 945

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ata atg aaa cct gat gag aaa gcc gaa gta cca aca gat ccc gag	3405
Ile Met Lys Pro Asp Glu Lys Ala Glu Val Pro Thr Asp Pro Glu	
1095 1100 1105	
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gag ccc aaa tct tgt gac aaa act cac aca tgc cca ccg tgc cca	3807
Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro	
1110 1115 1120	
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tgcatccagg gacaggcccc agccgggtgc tgacacgtcc acctccatct cttcctca	3925
gca cct gaa ctc ctg ggg gga ccg tca gtc ttc ctc ttc ccc cca aaa	3973
Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys	
1125 1130 1135	
ccc aag gac acc ctc atg atc tcc cgg acc cct gag gtc aca tgc gtg	4021

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val	
1140	1145
1150	
gtg gtg gac gtg agc cac gaa gac cct gag gtc aag ttc aac tgg tac	4069
Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr	
1155	1160
1165	
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Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu	
1170	1175
1180	1185
cag tac aac agc acg tac cgg gtg gtc agc gtc ctc acc gtc ctg cac	4165
Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His	
1190	1195
1200	
cag gac tgg ctg aat ggc aag gag tac aag tgc aag gtc tcc aac aaa	4213
Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys	
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1215	
gcc ctc cca gcc ccc atc gag aaa acc atc tcc aaa gcc aaa	4255
Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys	
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cctgagagtg accgctgtac caacctctgt cctaca ggg cag ccc cga gaa cca	4369
	Gly Gln Pro Arg Glu Pro
	1235
cag gtg tac acc ctg ccc cca tcc cgg gat gag ctg acc aag aac cag	4417
Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln	
1240	1245
1250	
gtc agc ctg acc tgc ctg gtc aaa ggc ttc tat ccc agc gac atc gcc	4465
Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala	

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Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr			
1270	1275	1280	1285
cct ccc gtg ctg gat tcc gac ggc tcc ttc ttc ctc tac agc aag ctc			4561
Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu			
	1290	1295	1300
acc gtg gac aag agc agg tgg cag cag ggg aac gtc ttc tca tgc tcc			4609
Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser			
	1305	1310	1315
gtg atg cat gag gct ctg cac aac cac tac acg cag aag agc ctc tcc			4657
Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser			
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ctg tct ccg ggt aaa tga			4675
Leu Ser Pro Gly Lys			

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